

Amendments to the Claims

1. [Cancelled]
2. [Cancelled]
3. [Cancelled]
4. [Currently Amended] A stackable, vertical axis windmill comprised of a frame structure

and a rotor assembly,

wherein the frame structure is comprised of

a plurality of solid frames,

a plurality of open frames,

a plurality of frame support cables,

wherein the rotor assembly is comprised of

a plurality of horizontal rotor assembly supports,

a rotor axis,

rotor panel assembly supports,

a bottom flange assembly,

a flex coupling assembly,

a top flange assembly,

wherein the rotor assembly is comprised of two or more rotors panel assemblies,

wherein the rotor panel assemblies are comprised of a rotor panel, a trailing edge, a

leading edge, and a windfoil,

wherein the trailing edge, the leading edge, and the windfoil are elongated structures

affixed to the rotor panel parallel with the rotor axis,

~~The stackable, vertical axis windmill as described in claim 3 wherein~~

the wind foil is an elongated triangular structure running along the edge of the trailing edge parallel to the rotor ~~axis~~; axis,

wherein the leading edge is affixed to the rotor panel on the opposite side of the rotor panel from the wind ~~foil~~; foil,

wherein the leading edge is a thin rectangular sheet of material connected to the trailing edge and oriented such that an angle of less than 60 degrees is formed between the small rectangular sheet and the ~~rotor~~; rotor,

wherein the trailing edge is a thin rectangular sheet of material with essentially the same dimensions as the leading ~~edge~~; edge,

wherein the trailing edge is connected to the rotor panel and is oriented such that an angle of approximately 45 degrees is formed between the trailing edge and the rotor ~~panel~~; panel,

wherein the top frame flange assembly is comprised of a top flange plate that is attached via a plurality of bolts to a top flange ~~bearing~~; bearing,

wherein the bottom frame flange assembly is comprised of a bottom flange plate, a split plate, and a bottom flange bearing.